

PREPARATORS' SESSION

Thursday Morning, August 24, 2017

Telus Convention Centre, Macleod A

Moderators: Don DeBlieux and Darren Tanke

- 8:00 **A. L. Kowalchuk, I. MacDonald, D. Brinkman.** AT THE CUTTING EDGE OF PALEONTOLOGY: THE DIAMOND TIPPED CHAINSAW – ADVANTAGES AND DISADVANTAGES COMPARED TO THE CONCRETE CUT-OFF SAW
- 8:15 **O. E. Demuth, H. Mallison, S. Lautenschlager, E. Tschopp.** RETRODEFORMATION AND RECONSTRUCTION OF A CERVICAL SERIES OF GALEAMOPUS (SAUROPODA: DIPLODOCIDAE)
- 8:30 **A. R. Chainey, W. N. McLaughlin, E. B. Davis, S. S. Hopkins.** A TECHNICAL ANALYSIS OF METHODS OF DEFLESHING SMALL MAMMAL MODERN COMPARATIVE SPECIMENS
- 8:45 **M. Cárdenas, K. Moreno.** THE MANY BENEFITS OF 3D XRAY IMAGING IN PALEONTOLOGY: PREPARATION OF A DELICATE FOSSIL CONTAINED INSIDE A PLASTER JACKET
- 9:00 **P. Kaskes, D. Bastiaans, V. Vanhecke, M. Van 'T Zelfde, E. Dullaart, K. De Jong, N. Den Ouden, M. Guliker, A. S. Schulp.** COMBINING ALL DIMENSIONS: INTEGRATED 3D MODELS OF DINOSAUR BONEBEDS
- 9:15 **I. D. Browne.** EIGHTY PERCENT FASTER AND GOOD ENOUGH? A MORE PRACTICAL PROCESS TO PRODUCE PHOTOGRAMMETRIC MODELS OF VERTEBRATE MICROFOSSILS IN THE 0.5-2 MM SIZE RANGE
- 9:30 **C. Capobianco.** ASSESSING AND REHOUSING THE DEPARTMENT OF VERTEBRATE PALEONTOLOGY'S TEACHING COLLECTION AT THE MUSEUM OF COMPARATIVE ZOOLOGY (MCZ), HARVARD UNIVERSITY: A CASE STUDY INTO THE IMPORTANCE OF PREPARATION RECORDS IN REMEDIAL CONSERVATION
- 9:45 **M. R. Grieco, M. Fracasso.** LEVERAGING GIS AS A COLLABORATIVE PLATFORM: ESTABLISHING A PALEONTOLOGY RESOURCE DATABASE FOR PUBLIC LANDS
- 10:00 BREAK
- 10:15 **W. F. Simpson.** THE NULLARBOR SWAT TEAM PROJECT: ADDRESSING COLLECTIONS BACKLOGS
- 10:30 **V. R. Rhue.** HOW TO STRUCTURE AN EFFECTIVE VOLUNTEER TASK FORCE IN THE LAB AND COLLECTIONS: A CASE STUDY ON ESTABLISHING CRITERIA FOR RECRUITMENT, SELECTION, AND TRAINING

*the 2017 Preparator's Session consists of 10 talks

PREPARATORS' COMMITTEE MEETING

Thursday, Aug 24, from 2:00 – 3:30

Telus Convention Centre, Glen 208-209 room

PREPARATORS' POSTER SESSION

Thursday Evening, August 24, 2017

Macleod A1-A4 And Prefunction

- B93 **T. Sato, F. Xu, B. Hu, D. Jiang.** ULTRALIGHT POLYESTER RESIN CASTS FOR MUSEUM EXHIBITS IN SOUTHWEST CHINA
- B94 **C. A. Hoffmann, M. B. Andrade, M. B. Soares, J. Marques.** CT SCAN DATA COLLECTION THROUGH LOW KV PROTOCOLS PROVIDES ACCURATE DATA ON NON-MAMMALIAN CYNODONT FROM THE SANTA MARIA FORMATION, BRAZIL
- B95 **B. Borkovic, R. S. Nagesan, J. Sanchez.** 3D PHOTOGRAMMETRY MODELLING - THREE CASE STUDIES IN VERTEBRATE PALEONTOLOGY
- B96 **J. Sanchez, B. Borkovic, C. Scott.** RIVERS AND RECOVERY - MITIGATIVE PALEONTOLOGY AS A RESULT OF FLOODING IN SOUTHERN ALBERTA
- B97 **T. J. Kerr, K. Patrick, M. T. Clementz, L. Vietti.** NO FOSSILS WERE HARMED DURING THE TRAINING OF THIS PREPARATOR: USING 3D MODELS TO TEACH PROPER PREPARATION TECHNIQUES
- B98 **A. A. Kilmury, C. M. Brown, C. Carbone, M. Mitchell.** COLLECTION AND PREPARATION OF A SUBADULT PROSAUROLOPHUS (ORNITHISCHIA: HADROSAURIDAE) FROM THE BEARPAW FORMATION (LATE CAMPANIAN) NEAR LETHBRIDGE, ALBERTA, AN EXAMPLE OF EXPEDITED LARGE-SCALE EXCAVATION IN AN INDUSTRIAL SITE
- B99 **E. K. Frampton, D. N. Spivak, D. B. Brinkman.** CONSULTING PALAEONTOLOGY IN ALBERTA: PROCESS, METHODS AND RESULTS OF HISTORICAL RESOURCE IMPACT ASSESSMENTS FOR INDUSTRY.
- B100 **A. C. Henrici, L. J. Church, N. Wuerthele, J. Leacock, G. E. Anderson.** A METHOD FOR MAKING FOSSIL VERTEBRATE SUPPORT CRADLES FROM AN EPOXY CLAY COMPOUND
- B101 **L. T. Yann.** COMPARISON OF DIFFERENT STORE BOUGHT AND HOMEMADE CONTACT PAPERS USED TO STABILIZE JACKETED FOSSILS WITH POTENTIAL BIOLOGICAL MATERIAL
- B102 **M. Foy, B. L. Beatty, M. C. Muhlbachler.** MOLD AND CAST FIDELITY AND DATA LOSS IN DENTAL MICROWEAR TEXTURE ANALYSIS
- B103 **R. Anemone, J. Crowell.** THREE DIMENSIONAL VIRTUAL RECONSTRUCTION OF A CORYPHODON MAXILLA FROM THE EOCENE OF WYOMING

Authors must be present from 4:15 - 6:15 p.m. Thursday, August 24

Posters must be removed by 6:30 p.m.

*Numbers beginning with "B" represent the poster board number in Exhibit Hall.